

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM (Revision 1)

Completed by: Mark Labhart

GENERAL INFORMATION:

| | |
|----------------------------|--|
| Name: | Fort James Operating Company |
| Address: | 451 Harbison Rd, Lexington, Kentucky 40511 |
| Date application received: | October 9, 2002 |
| SIC/Source description: | 2656/Nonfolding Sanitary Food Containers |
| AFS(10-digit) Plant ID: | 021-067-00052 |
| Agency Interest #: | 1051 |
| Activity I.D.#: | APE20040002 |
| Application log number: | 55234 |
| Permit number: | F-04-021 |

APPLICATION TYPE/PERMIT ACTIVITY:

| | |
|--|--|
| <input type="checkbox"/> Initial issuance | <input type="checkbox"/> General permit |
| <input type="checkbox"/> Permit modification | <input checked="" type="checkbox"/> Conditional major |
| __Administrative | <input type="checkbox"/> Title V |
| __Minor | <input type="checkbox"/> Synthetic minor |
| __Significant | <input type="checkbox"/> Operating |
| <input checked="" type="checkbox"/> Permit renewal | <input checked="" type="checkbox"/> Construction/operating |

COMPLIANCE SUMMARY:

| | |
|---|---|
| <input type="checkbox"/> Source is out of compliance | <input type="checkbox"/> Compliance schedule included |
| <input checked="" type="checkbox"/> Compliance certification signed | |

APPLICABLE REQUIREMENTS LIST:

| | | |
|--|---|---|
| <input type="checkbox"/> NSR | <input type="checkbox"/> NSPS | <input checked="" type="checkbox"/> SIP |
| <input type="checkbox"/> PSD | <input type="checkbox"/> NESHAPS | <input type="checkbox"/> Other |
| <input type="checkbox"/> Netted out of PSD/NSR | <input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b) | |

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

| Pollutant | Projected Actual (TPY) | Allowable (TPY) | Potential (TPY) |
|----------------------------------|------------------------|-----------------|-----------------|
| PM / PM10 | | | |
| Existing equipment | 35.4 | | 35.4 |
| Total with new extruder | 36.1 | | 36.1 |
| SO2 | 0.3 | | 0.3 |
| NOx | 47.8 | | 47.8 |
| CO | 40.2 | | 40.2 |
| Lead | 0 | | 0 |
| VOC | | | |
| Existing equipment | 42.7 | | 42.7 |
| Total with new extruder | 44.4 | | 44.4 |
| HAP (by CAS) | | | |
| Glycol Ethers multiple CAS #s | < 9 | <= 9 | 5.7 |
| Styrene 100-42-5 | < 9 | <= 9 | 2.9 |
| Ethyl Benzene 100-41-4 | < 9 | <= 9 | 2.9 |
| Total HAP | <22.5 | <=22.5 | 11.5 |

SOURCE PROCESS DESCRIPTION:

Fort James Operating Company is a wholly own subsidiary of the Georgia Pacific Corporation. The source manufactures disposable, sanitary, food and beverage containers, (paper and plastic). Emissions units at the facility are (2) flexographic presses emitting VOC, (4) polystyrene extruders emitting HAP and VOC, and (4) polypropylene extruders that emit VOC and PM. The source will be adding (1) additional polypropylene extruder and supporting equipment as a result of this permitting action. There are also PM emissions from various material handling processes. Criteria pollutants, NOx and CO are emitted at approximately 50% of major source thresholds from the source's numerous heating devices. Insignificant activities include truck unloading and packaging operations including bagging operations and sealing cartons.

EMISSION AND OPERATING CAPS DESCRIPTION:

Fort James Operating Company has requested voluntary permit limits of 9.0 tons per year or less of individual hazardous air pollutants (HAP) and 22.5 tons per year or less of combined HAPs. Potential VOC emissions are 40.4 TPY. No Conditional Major limitations are required for VOC.